

5TH



Tech-Redefining Entertainment

文體智匯

MACAO JOINT SCHOOL

SCIENCE EXHIBITION

PREPARATION COMMITTEE

第五屆澳門聯校科學展覽籌備委員會

第五屆  
澳門聯校科學展覽  
計劃書設計比賽  
比賽章程

5<sup>th</sup> MJSSE  
Project Proposal Design Competition  
Competition Rules and Regulations

## 比賽資料及規則

### 目的：

激發大眾對科學的興趣並深入探索科學領域，提高對科學技術的重視，促進澳門本地與京灣區的融合發展，並鼓勵本地學校合作以至推廣國際文化及學術交流。

### 主題：

#### 文體智匯

體育與科技的融合正在重新定義未來運動的可能性。在智能化、數字化迅猛發展的時代，科技不僅為運動方式帶來了嶄新的可能，也深刻改變了運動員的訓練模式、觀眾的參與體驗以及健身的日常習慣。

特區政府近年來以建設“世界旅遊休閒中心”為核心，積極推進“1+4”產業適度多元化發展策略，重點發展大健康、現代金融、高新技術及文化體育四大產業。在此指引下，澳門逐步形成多元化的產業結構，增強了經濟韌性與城市創新活力。

為了響應“1+4”產業適度多元發展策略及迎接即將到來的全運會，本年度的澳門聯校科學展覽以「文體智匯」為主題，聚焦文化、娛樂、體育與科技的深度融合。活動鼓勵學生以創新視角探索科技與文化、娛樂及體育的交匯點，圍繞體育競賽的各個環節設計作品，從提升運動表現、優化比賽體驗、多元賽事管理到強化觀眾參與等方面提出創新方案，推動體育與科技的深度結合。

### 口號：

「智啟文體創新路，科融未來多維度」

"Innovation lights the cultural way, tech and sports shape a brighter day."

### 參賽資格：

2024-2025 學年就讀本澳中學初一至高二學生均可參賽，比賽分為初中組（初一至初三）及高中組（高一至高二），每隊由二至四位同校學生組成，並需由一名同校指導老師負責指導研究。

\* 同一位學生不可同時參加多於一隊

\* 一位老師可同時指導多隊同校隊伍

### 流程：

日期	內容
2025 年 1 月 27 日	開始報名、提交計劃書及影片
2025 年 3 月 3 日	截止報名
2025 年 4 月 15 日	截止提交計劃書及影片
2025 年 5 月 2 日	公佈計劃書設計及比賽入圍名單
2025 年 5 月 10 日	展品負責人講解會暨頒獎禮
2025 年 5 月中下旬	展品指導計劃
2025 年 5 月-10 月	入圍組別製作展品
2025 年 10 中旬	展出展品及答辯大會/ 公佈比賽成績及頒發最終獎項

參加線上計劃  
書設計比賽



入圍組別制作  
展品



參加線下  
第五屆聯科展

## 參賽內容及規則：

1. 各參賽隊伍需圍繞年度主題進行創意構思，設計出一個符合主題的創新 STEAM 展品。隊伍需將展品的構思詳盡表達於展品計劃書中，並配合製作一段介紹影片，一同提交供評審選拔使用。入圍的隊伍將進一步完善計劃，並依據優化後的計劃書實際製作展品，參加第五屆澳門聯校科學展覽，在展覽期間進行公開展示，接受現場評審的進一步評分，最終由評審委員會選出表現優秀的作品並頒發獎項。
2. 每隊參賽組別需提交一份展品計劃書及一段時長為 2 分鐘以內的計劃書介紹影片。影片需上載至 Youtube，並將連結填寫於比賽網站的「影片連結」欄內（詳見附件一）。計劃書內容須以文字為主，語言可選用中文或英文。
3. 參賽組別可於本會網站參考「評分標準」自由創作計劃書；
4. 參賽報告以文字作品為主，中文或英文皆可；
5. 參賽報告必須為原創作品。若有任何問題，本會將交由獨立的評審委員會作決策；
6. 所有作品必須由參賽學生親手制作；若需提交附件檔案，請將附件與計劃書合併成一個 PDF 檔案後提交；
7. 所有參賽組別必須於 2025 年 4 月 15 日或之前遞交計劃書及影片，遲交或欠交者視作放棄參賽，主辦方將取消其參賽資格；
8. 主辦方會於 2025 年 5 月 2 日通過本會網站、Facebook Page 及 Instagram 公佈入圍名單，入圍組別需製作出展品，並於 2025 年 10 月在澳門聯校科學展覽展出展品；
9. 入圍組別可以在隊伍計劃書的基礎上，再作優化或調整；
10. 入圍組別需參加 2025 年 10 月中旬舉行的第五屆澳門聯校科學展覽答辯大會，評審團將根據答辯表現及展品內容綜合評估，選出優秀作品，並於澳門聯校科學展覽期間公佈比賽結果。
11. 勝出之隊伍將有機會受北京師範大學及北京科學中心邀請前往北京參加「京灣區聯校科學展覽」。
12. 主辦機構有權隨時修改以上規定，毋須事先公佈；
13. 所有遞交之作品本會將用作宣傳及推廣科普之用；
14. 主辦機構有權拒絕任何報告參賽或取消其資格。如何任何爭議，將由評審委員會作最後決定；
15. 如中英文資料內容存在不一致，應以中文版本為準。

## 參賽方法：

請於 2025 年 3 月 3 日（星期一）或之前於 <http://www.mjsse.org/> 註冊帳戶並填寫報名資料，並於 2025 年 4 月 15 日（星期五）或之前遞交計劃書及影片連結。

1. 計劃書標題格式：隊伍編號\_項目名稱\_計劃書（以 PDF 檔形式遞交）
2. YouTube 影片標題格式：隊伍編號\_項目名稱（影片需設為「不公開」上傳）

*\*主辦方有權拒收命名錯誤的檔案*

## 評審：

評審將由一眾專業人士專業人員所組成。

## 獎項：

1. 本次計劃書設計比賽的初中及高中組均設立「傑出項目獎 金、銀、銅獎」、「最具創新性獎」、「最具實用性獎」、「最具可行性獎」及「最具科學技術含量獎」；
2. 最終入圍的隊伍將參加第五屆澳門聯校科學展覽，初中組及高中組將分別評選出冠軍、亞軍、季軍。此外，展覽亦設有兩個人氣獎項：「我最喜愛項目獎」及「我最欣賞項目獎」。
3. 每位參賽同學將獲授嘉許證書乙張，以示鼓勵。

## 查詢：

- 如有任何查詢，歡迎致電+853 68892945 或發送電郵至 [mjsse5@mjsseya.org](mailto:mjsse5@mjsseya.org)，與是次活動負責人展品事務部部長姚昱彤聯繫。

附件一：報名、上載計劃書及影片流程

<p>第一步</p>	 <p>請至 <a href="http://www.mjsse.org/">http://www.mjsse.org/</a> 註冊帳戶（各個參賽隊伍只需註冊一個帳戶，並需記得該帳戶是以哪位隊員的電郵註冊），該帳戶將用於報名及遞交計劃書。（注意：每個帳戶僅限遞交一份計劃書）。</p>
<p>第二步</p>	 <p>選擇對應比賽及點擊「我要參賽」。</p>

第三步

- 1  
登錄
- 2  
選擇比賽
- 3  
報名需知
- 4  
填寫報名資料
- 5  
上傳作品
- 6  
查看比賽

比賽規則 / RULES

[比賽規則.PDF](#) ↓

報名日期: 2025/01/25 - 2025/03/03

交件日期: 2025/01/01 - 2025/04/15

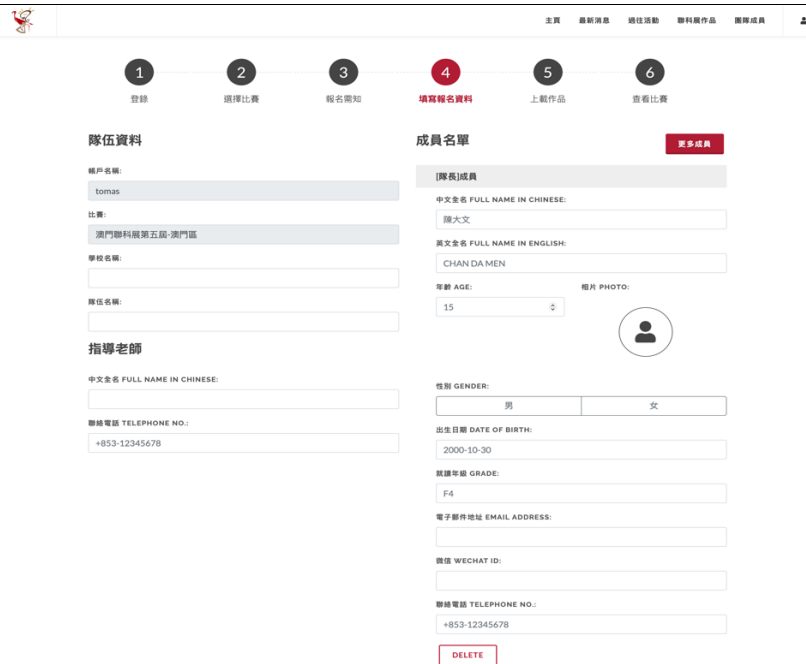
評審日期: 2025/04/16 - 2025/05/05

結果公佈: 2025/05/10

[下一步](#)

閱讀比賽細則。

第四步



The screenshot shows the registration form with the following sections:

- 隊伍資料 (Team Information):**
  - 用戶名稱 (User Name): tomas
  - 比賽 (Competition): 澳門聯校第五屆-澳門區
  - 學校名稱 (School Name):
  - 隊伍名稱 (Team Name):
- 指導老師 (Mentor Teacher):**
  - 中文全名 FULL NAME IN CHINESE:
  - 聯絡電話 TELEPHONE NO.: +853-12345678
- 成員名單 (Member List):**
  - [隊長] 成員 (Captain Member):
    - 中文全名 FULL NAME IN CHINESE: 陳大文
    - 英文全名 FULL NAME IN ENGLISH: CHAN DA MEN
    - 年齡 AGE: 15
    - 性別 GENDER: 男 (Male)
    - 出生日期 DATE OF BIRTH: 2000-10-30
    - 就讀年級 GRADE: F4
    - 電子郵件地址 EMAIL ADDRESS:
    - 微信 WECHAT ID:
    - 聯絡電話 TELEPHONE NO.: +853-12345678

填寫報名資料並提交 (注意: 報名截止日期為 3 月 3 日; 報名資料遞交後將無法更改)。

第五步

1 登錄    2 選擇比賽    3 報名需知    4 填寫報名資料    5 上傳作品    6 查看比賽

計劃書名稱:

YOUTUBE影片連結:

計劃書簡介(100字以內):

File Edit View Insert Format Tools  
Paragraph B I [text alignment icons] [link icon]

計劃書PDF:  
PDF 文件

本人知悉及授權主辦機構於公開文件、網站等公佈參賽、得獎者姓名等個人資料

填寫項目名稱、YouTube 影片連結，以及一段 100 字以內的計劃書簡介，並上傳計劃書 PDF 檔案。確認所有資料完整後，點擊「提交」即可完成報名及遞交流程。



## **Competition Details and Rules**

### **Objective:**

To inspire public interest in science and encourage in-depth exploration of the scientific field, to enhance the importance placed on science and technology, to promote the integration of Macao with Beijing and the Greater Bay Area, and to encourage collaboration among local schools while promoting international cultural and academic exchange.

### **Theme:**

#### **Tech-Redefining Entertainment**

The fusion of sports and technology is redefining the possibilities of future sports. In an era of rapid advancements in intelligence and digitalization, technology is not only introducing exciting new possibilities for how sports are practiced but is also profoundly transforming how athletes train, how audiences engage, and how fitness is incorporated into daily life.

In recent years, the Macao Government has placed its focus on establishing the city as a "World Center of Tourism and Leisure" while actively promoting the "1+4" strategy for appropriately diversified economic development. This strategy highlights the cultivation of four key industries: big health, modern finance, high technology, and cultural and sports industries. Under this direction, Macao has been gradually forming a diversified industrial structure, enhancing economic resilience, and fostering urban innovation and vitality.

In response to the "1+4" strategy for appropriately diversified economic development and in anticipation of the upcoming National Games, this year's Macao Joint School Science Exhibition adopts the theme "Tech-Redefining Entertainment". The event focuses on the deep integration of culture, entertainment, sports, and technology. Students are encouraged to explore the convergence of technology with culture, entertainment, and sports through innovative perspectives. Participants are invited to design projects related to various aspects of sporting competitions, offering creative solutions to enhance athletic performance, optimize the competition experience, improve event management, and strengthen audience engagement. The aim is to advance the fusion of sports and technology to new heights.

**Slogan: Innovation lights the cultural way, tech and sports shape a brighter day.**

**Eligibility:**

Students studying in junior secondary (Form 1 to Form 3) to senior secondary (Form 4 to Form 5) levels at Macao secondary schools during the 2024-2025 academic year are eligible to participate.

The competition is divided into two categories: **Junior Secondary Group (Form 1 to Form 3)** and **Senior Secondary Group (Form 4 to Form 5)**. Each team must consist of 2 to 4 students from the same school, and one teacher from the same school must serve as the advisor to guide the students in their research.

*\*A student may not participate in more than one team.*

*\*A teacher may guide multiple teams from the same school simultaneously.*

**Process:**

Date	Event
January 27, 2025	Start of registration, submission of project proposals and videos.
March 3, 2025	Deadline for registration.
April 15, 2025	Deadline for submission of project proposals and videos.
May 2, 2025	Announcement of shortlisted project proposals and finalists for the competition.
May 10, 2025	Briefing session for exhibition coordinators and awards presentation ceremony.
Mid to late May 2025	Exhibition guidance planning meeting.
May to October 2025	Finalists work on the production of exhibition pieces.
Mid-October 2025	Exhibition of projects, presentation sessions, announcement of competition results, and final award ceremony.



### **Regulations:**

1. Each participating team must come up with an innovative STEAM exhibition piece based on the annual theme. The concept should be detailed in a project proposal, accompanied by a 2-minute introductory video. Both the proposal and video must be submitted for evaluation. Shortlisted teams will refine their plans to produce the exhibition piece based on their optimized proposal and participate in the 5th Macao Joint School Science Exhibition. During the exhibition, public displays and on-site evaluations will be conducted, and outstanding works will be selected and awarded by the judging committee.
2. Each team must submit one project proposal and a video of up to 2 minutes introducing their proposal. The video must be uploaded to YouTube, and the link should be filled in the "Video Link" section on the competition website (refer to Appendix 1). The proposal should primarily consist of text and can be written in either Chinese or English.
3. Teams are free to refer to the "Evaluation Criteria" on the official website when creating their proposals.
4. Proposals must be text-based and written in either Chinese or English.
5. All submissions must be original. In case of disputes, the matter will be resolved by the independent judging committee.
6. All exhibition pieces must be created by the students themselves. If any additional materials need to be submitted, combine them with the proposal into a single PDF file before submission.
7. Proposals and video links must be submitted by April 15, 2025. Late or missing submissions will be considered as withdrawal, and the organizer will cancel the team's participation.
8. The shortlist will be announced on May 2, 2025, on the official website, Facebook page, and Instagram. Shortlisted teams must produce their exhibition pieces for display at the 5th Macao Joint School Science Exhibition in October 2025.
9. Shortlisted teams may further optimize or adjust their proposals for the exhibition pieces.
10. Shortlisted teams must attend the presentation session of the 5th Macao Joint School Science Exhibition in mid-October 2025. Evaluations of presentation performance and exhibition content will be conducted, and results will be announced during the exhibition.
11. Winning teams may have the opportunity to be invited to participate in the "Beijing-Greater Bay Area Joint School Science Exhibition," organized by Beijing Normal University and the Beijing Science Center.
12. The organizer reserves the right to modify the above regulations without prior notice.
13. All submitted works may be used for science promotion and outreach purposes by the organizer.
14. The organizer reserves the right to reject any report or cancel its participation eligibility. Decisions regarding disputes will be determined by the judging committee and will be final.
15. In case of discrepancies between the Chinese and English content, the Chinese version shall prevail.

### **Participation Procedure:**

- Register an account and complete the application form on <https://www.mjsse.org> by March 3, 2025 (Monday).
- Submit the project proposal and video link by April 15, 2025 (Friday).

#### Submission Requirements:

1. Proposal Title Format: Team Number\_Project Title\_Proposal (submitted as a PDF).
2. YouTube Video Title Format: Team Number\_Project Title (uploaded as "Unlisted").

*Note: The organizer reserves the right to reject incorrectly titled files.*

### **Adjudication:**

The judging panel will consist of professionals and experts from various fields.

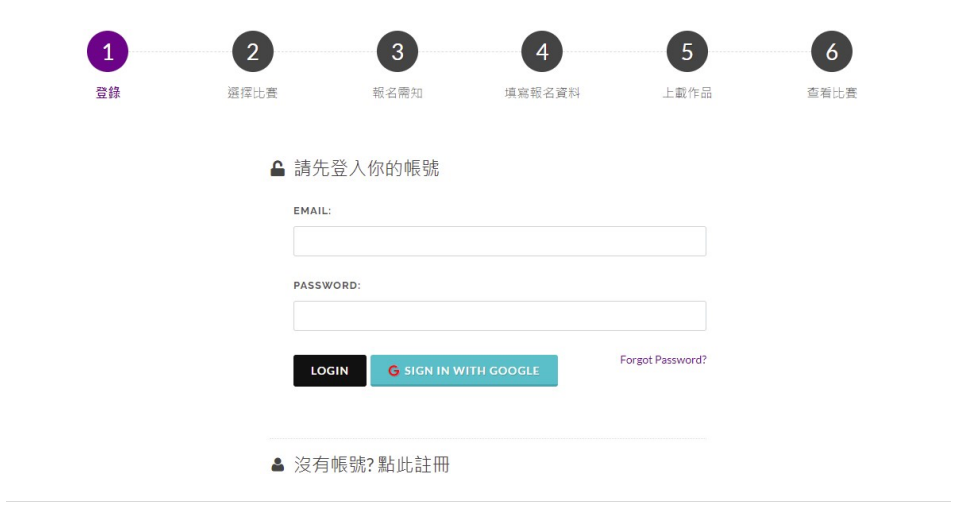

### **Prizes:**


1. For both the junior and senior secondary categories of the proposal design competition, the following awards will be presented:
  - Outstanding Project Awards: Gold, Silver, and Bronze
  - Most Innovative Award
  - Most Practical Award
  - Most Feasible Award
  - Best Scientific and Technological Award
2. Shortlisted teams will participate in the 5th Macao Joint School Science Exhibition, where champions, first runners-up, and second runners-up will be selected for both junior and senior secondary categories. Additionally, two popularity awards will be presented:
  - My Favorite Project Award
  - My Most Admired Project Award
3. All participating students will receive a certificate of recognition as encouragement.

### **Inquiries:**

For inquiries, please contact the Director of the Project Affairs Department, Ms. Kitty Yao, at +853 68892945 or email [mjsse5@mjsseya.org](mailto:mjsse5@mjsseya.org).

**Appendix 1: Registration, Project Proposal, and Video Upload Process**

<p>Step 1</p>	 <p>Visit <a href="http://www.mjsse.org/">http://www.mjsse.org/</a> to register an account. (Each team should only register one account, and it must be created using the email address of one of the team members. Be sure to remember the registered email.) This account will be used for registration and proposal submission.</p> <p><i>Note: Each account can only submit one proposal.</i></p>
<p>Step 2</p>	 <p>Select the corresponding competition and click "Participate".</p>

Step 3


### 比賽規則 / RULES

[比賽規則.PDF ↓](#)

報名日期: 2025/01/25 - 2025/03/03

交件日期: 2025/01/01 - 2025/04/15


評審日期: 2025/04/16 - 2025/05/05

結果公佈: 2025/05/10

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**Read the competition guidelines carefully.**

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Step 4


#### 隊伍資料

帳戶名稱:

比賽:

學校名稱:

隊伍名稱:

#### 指導老師

中文全名 FULL NAME IN CHINESE:

聯絡電話 TELEPHONE NO.:

#### 成員名單 更多成員

[隊長]成員

中文全名 FULL NAME IN CHINESE:

英文全名 FULL NAME IN ENGLISH:

年齡 AGE:  相片 PHOTO:

性別 GENDER:

出生日期 DATE OF BIRTH:

就讀年級 GRADE:

電子郵件地址 EMAIL ADDRESS:

微信 WECHAT ID:

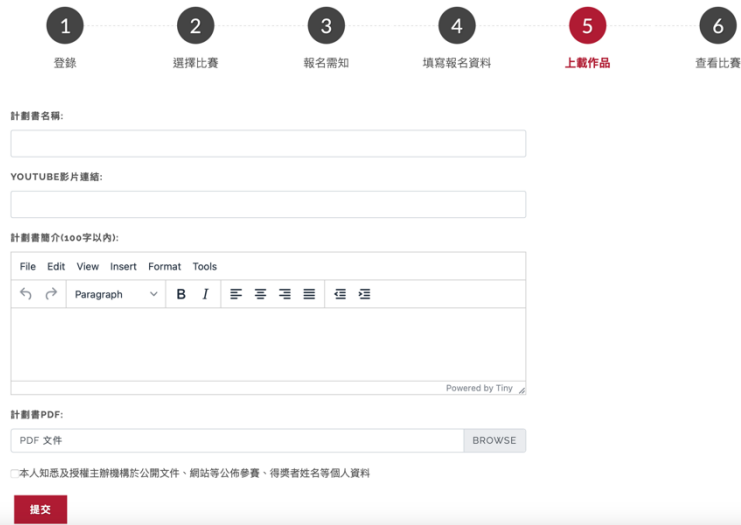
聯絡電話 TELEPHONE NO.:

DELETE

**Fill in the registration form and submit it.**

**Note: The registration deadline is *March 3*. Once the registration information is submitted, it cannot be changed.**

Step 5



Fill in the following information:

1. The project title.
2. The YouTube video link.
3. A brief description of the proposal (within 100 words).
4. Upload the project proposal file in PDF format.

After confirming that all information is complete, click "**Submit**" to complete the registration and submission process.